

FIG.

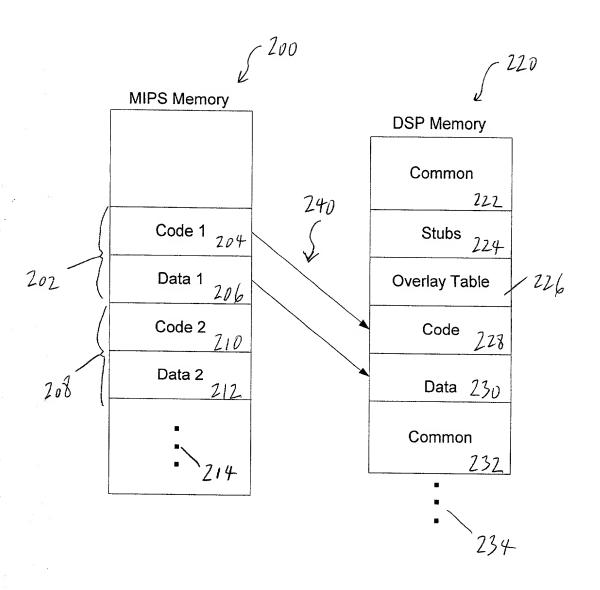


FIG. Z

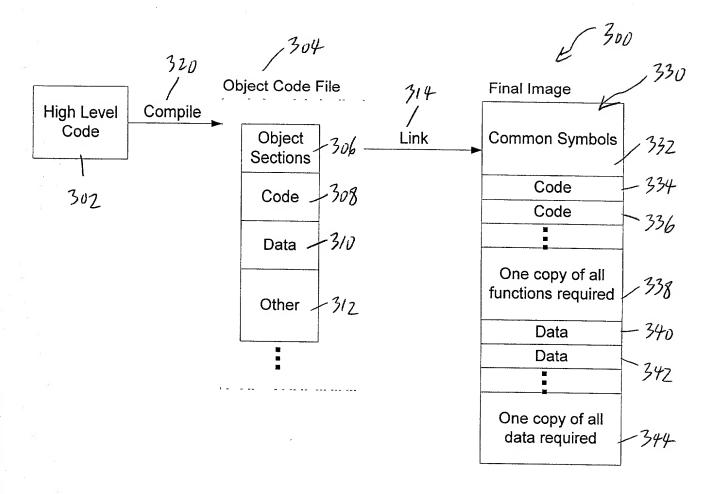


FIG. <u>3A</u> (Prior Art)

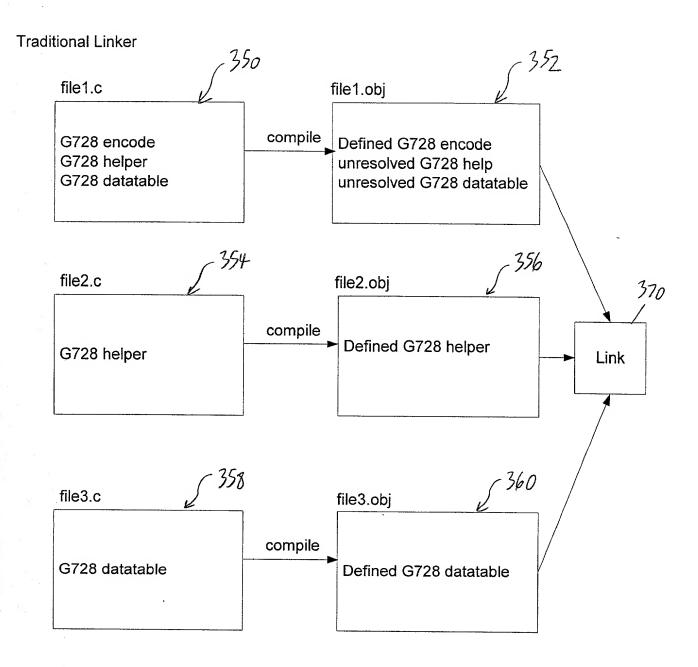


FIG. <u>3B</u>

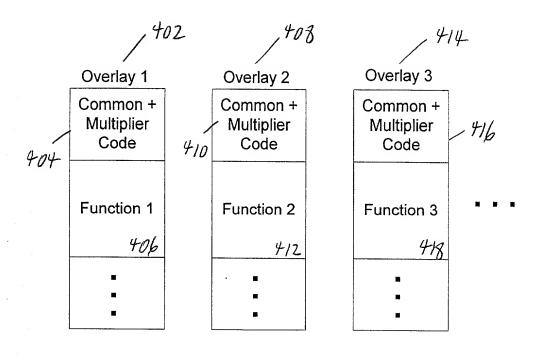


FIG. <u>4A</u> (Prior Art)

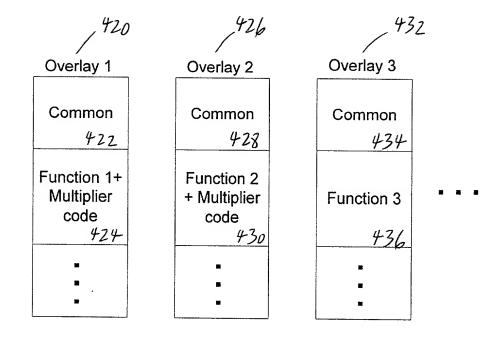


FIG. <u>4B</u>

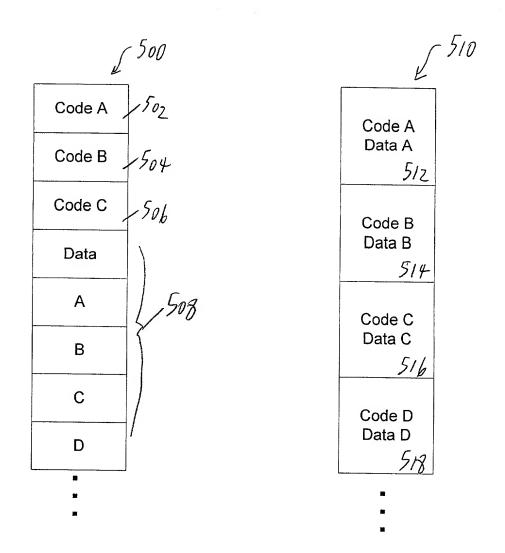


FIG. 5A (Prior Art)

FIG. <u>5B</u>

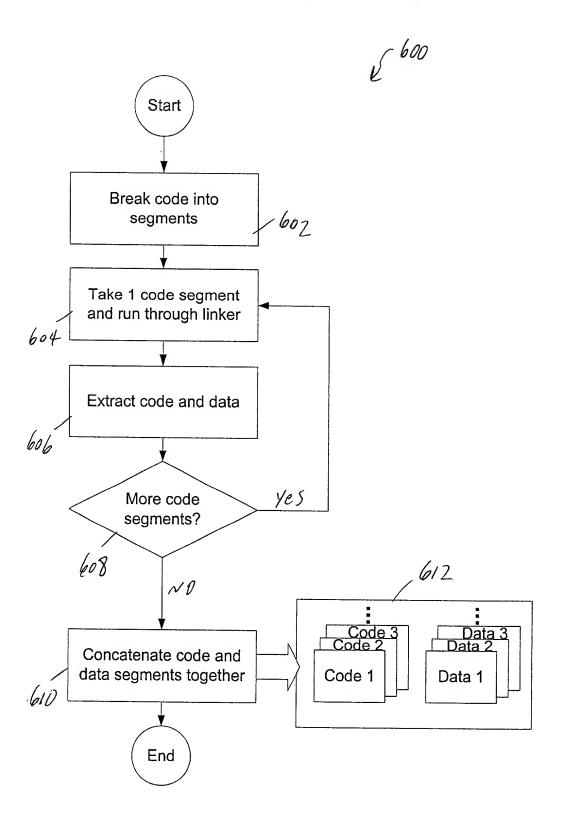


FIG. <u>6A</u>

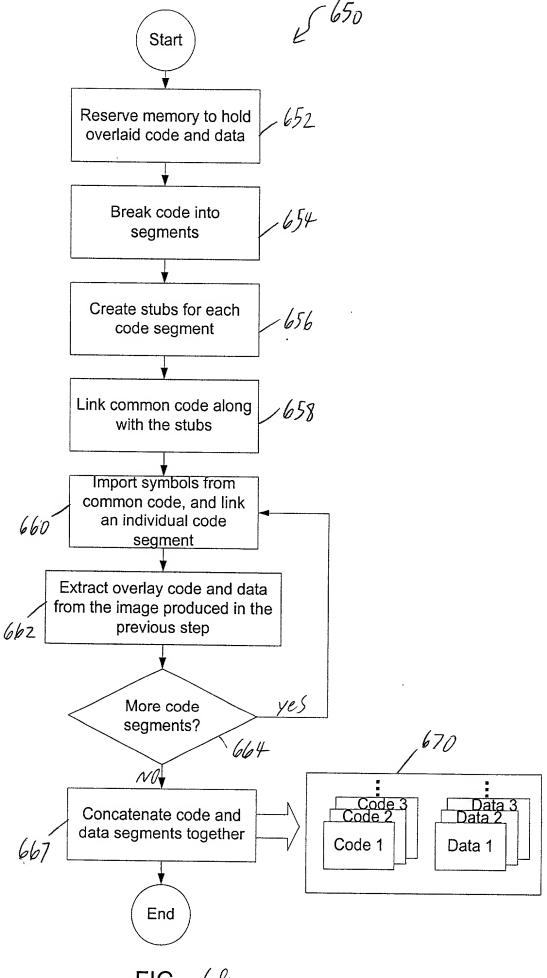


FIG. <u>6B</u>

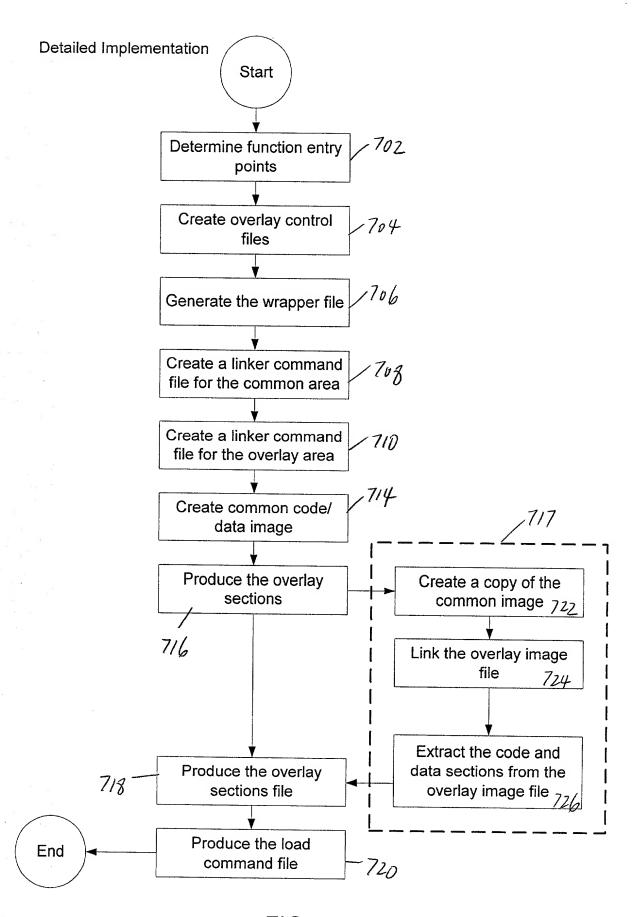


FIG. 7

LINKER Command File!

Common Area

```
MEMORY
   . . . other memory sections removed . . .
   PAGEDCODE(X) : ORIGIN = 0x4200, LENGTH = 0x1800
   PAGEDDATA
              : ORIGIN = 0 \times 6000, LENGTH = 0 \times 1400
}
SECTIONS
   . . . other sections removed . . .
   pagedCodeSection :
      = ALIGN(4);
      _dcm_gCodeOverlayAreaStart = ABSOLUTE( . );
      . = . + 0 \times 1800;
      _dcm_gCodeOverlayAreaEnd = ABSOLUTE( . );
   ) > PAGEDCODE
   pagedDataSect :
      . = ALIGN(4);
      _dcm_gDataOverlayAreaStart = ABSOLUTE( . );
      . = . + 0x1400;
      _dcm_gDataOverlayAreaEnd = ABSOLUTE( . );
   } > PAGEDDATA
     .overlayDescr :
        _dcm_gOverlayDescr = ABSOLUTE( . );
       *(overlay)
       SHORT (-2)
    } > INTDATA
                    FIG. 8A
Overlay Area
MEMORY
    . . . other memory sections removed . . .
   PAGEDCODE(X) : ORIGIN = 0x4200, LENGTH = 0x1800
   PAGEDDATA
                : ORIGIN = 0 \times 6000, LENGTH = 0 \times 1400
}
SECTIONS
    . . . other sections removed . . .
    .text :
        = ALIGN(4);
      *(.text)
   } > PAGEDCODE
   .data :
        = ALIGN(4);
      *(.data)
   } > PAGEDDATA
```